

Leis Oil Services, LLC

1410 150th Rd
Yates Center, KS 66783

Invoice

Date	Invoice #
3/22/2014	1020

Bill To
Piqua Petro, Inc. 1331 Xylan Rd Piqua, KS 66761

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
	Drilling- Hammond E 66-14	6.25	6,950.00
1	Drill Pits	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 67-14	6.25	6,931.25
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 68-14	6.25	6,937.50
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Hammond E 69-14	6.25	6,893.75
1	Drill Pit	100.00	100.00
10	Cement for Surface	11.60	116.00
	Drilling- Collins Bennett 15-14	6.25	5,550.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 16-14	6.25	7,562.50
1	Mississippi Drill Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 17-14	6.25	5,518.75
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Collins Bennett 18-14	6.25	5,556.25
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 3-14	6.25	5,531.25
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 4-14	6.25	7,543.75
1	Mississippi Drill Charge	600.00	600.00
1	Drill Pit	100.00	100.00
8	Cement for Surface	11.60	92.80
	Drilling- Shannon 5-14	6.25	5,481.25
1	Drill Pit	100.00	100.00
		Total	



CONSOLIDATED
Oil Well Services, LLC

266214

TICKET NUMBER 45845

LOCATION Eureka, KS

FOREMAN David Gardner

PG Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT

API # N/A

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-27-14	4950	Collins Bennett #16-14				Woodson
CUSTOMER <u>Pigua Petroleum</u>						
MAILING ADDRESS <u>1331 Xyland Rd.</u>						
CITY <u>Pigua</u>						
STATE <u>KS</u>						
ZIP CODE <u>66761</u>						
TRUCK #	DRIVER	TRUCK #	DRIVER			
445	Chris B.					
661	Joey K.					

JOB TYPE Longstring HOLE SIZE 5 7/8" HOLE DEPTH 987' CASING SIZE & WEIGHT _____
 CASING DEPTH 982' DRILL PIPE _____ TUBING 2 7/8" OTHER _____
 SLURRY WEIGHT 13.6# SLURRY VOL 35 Bbl WATER gal/sk 6.5 CEMENT LEFT in CASING 0
 DISPLACEMENT 5.75 Bbl DISPLACEMENT PSI 400 ~~900~~ Bump Plug 900 PSI RATE 1 BPM

REMARKS: Safety Meeting. Rig up to 2 7/8" tubing. Break circulation w/ 8 Bbl Fresh water. Mixed 200# Gel Flush. 5 Bbl water spacer. Mixed 135 sks 60/40 Pozmix Cement w/ 4# Kol-seal /sk, 4% Gel, & 1% Calc. @ 13.6#/gal. Shut down. Washout pump & lines. Stuff 2 Plugs. Displace w/ 5.75 Bbl Fresh water. Final pumping pressure of 400 PSI. Bump plugs to 900 PSI. Shut well in. Good circulation @ all times. 6 Bbl good cement slurry to pit. Job complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1085.00	1085.00 ✓
5406	0	MILEAGE <u>2nd Well</u>	4.20	N/C ✓
1131	135 sks	60/40 Pozmix Cement	13.18	1779.30 ✓
1110A	540#	Kol-seal @ 4#/sk	.46	248.40 ✓
1118B	465#	Gel @ 4%	.22	102.30 ✓
1102	115#	Calc. @ 1%	.78	89.70 ✓
1118B	200#	Gel Flush	.22	44.00 ✓
5407	5,805 Tons	Ton Mileage Bulk Truck	1.41	368.00 ✓
5502C	3 HRS.	80 Bbl Vac. Truck	90.00/HR	270.00 ✓
4402	2	2 7/8" Top Rubber Plug	29.50	59.00 ✓
completed				
Subtotal				4045.70 ✓
"Thank You"			7.15%	SALES TAX 1166.07 ✓
ESTIMATED TOTAL				4211.77 ✓

laviv 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____

acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



LEIS OIL SERVICES



1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752

Operator License #: 30345	API #: 15-207-28852-00-00
Operator: Piqua Petro, Inc.	Lease: Collins-Bennett
Address: 1331 Xylan Rd Piqua, KS 66761	Well #: 16-14
Phone: (620) 433-0099	Spud Date: 2-25-14 Completed: 2-27-14
Contractor License: 34036	Location: NW-SE-NW-SW of 16-25-17E
T.D. : 987 T.D. of Pipe: 982 Size: 2.875"	1965 Feet From South
Surface Pipe Size: 7" Depth: 22'	4280 Feet From East
Kind of Well: Oil	County: Woodson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Soil/Clay	0	6	3	Lime	795	798
12	Broken Lime	6	18	28	Shale	798	826
118	Shale	18	136	2	Sand, light oil	826	828
89	Lime	136	225	7	Oil Sand	828	832
80	Shale	225	305	155	Shale	832	987
75	Lime	305	380				
12	Shale/Black Shale	380	392				
18	Lime	392	410				
3	Black Shale	410	413				
33	Lime	413	446				
151	Shale	446	597				
5	Lime	597	602				
19	Shale	602	621				
11	Lime	621	632				
67	Shale	632	699				
4	Lime	699	703				
9	Shale	703	712				
11	Lime	712	723				
6	Shale	723	729				
5	Lime	729	734				
5	Shale	734	739				
3	Lime	739	742				
24	Shale	742	766				
4	Lime	766	770				
7	Shale	770	777				
6	Lime	777	783				
4	Shale	783	787		T.D.		987
2	Black Shale	787	789		T.D. of Pipe		982
6	Shale	789	795				



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 58021
FIELD TICKET REF # 49035
LOCATION Thayer
FOREMAN Shott Busby

4th well

**TREATMENT REPORT
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-5-14		Collins-Bennett 16-14	16	25S	17E	WO

CUSTOMER Pigua Petro. Inc.		
MAILING ADDRESS		
CITY	STATE	ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
476	Josh		
490	harry R		
482	Mark		
521	Eric		
424	Wes		
679T102	Junior		

WELL DATA	
CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE 2 7/8 28UE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
D26-36 (21) Squirrel	

TYPE OF TREATMENT
Acid spot + frac w/ acid O/F
CHEMICALS
Bioxide - Breaker
Acid - Inhibitor - Stim Oil

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	20	20				BREAKDOWN 1500
16-30 sand		20		300#		START PRESSURE
12-20 sand		20				END PRESSURE
12-20		20		2700#		BALL OFF PRESS
12-20 (7) (3)		↓				ROCK SALT PRESS
12-20		↓				ISIP 775
12-20		20		1500#		5 MIN
12-20 (4) + (2) Balls		19				10 MIN
12-20 + (2) = (8)		18				15 MIN
12-20		18		1500#		MIN RATE
FLUSH CASING 5		20				MAX RATE
Release balls to T.D x 2			TOTAL	6,000 #		DISPLACEMENT 4.9
OVERFLUSH 10		20	SAND			
TOTAL BBSLS 170						

REMARKS:
Spotted 75 gal -15% HCL acid on perfs
Blend 150 gal RAW HCL acid - O/F

Location 1:15 PM - 2:00 PM 40 miles

AUTHORIZATION _____ TITLE _____ DATE 3-5-14

Terms and Conditions are printed on reverse side.